AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1.   (Currently amended) A computer-implemented method of detecting new events comprising the steps of:

determining at least one story characteristic based on an average story similarity story characteristic and a same event-same source story characteristic;

determining a source-identified story corpus, each story associated with at least one event;

determining a source-identified new story associated with at least one event;

determining story-pairs based on the source-identified new-story and each story in the source-identified story corpus;

determining at least one inter-story similarity metric for the story-pairs; wherein the inter-story similarity metrics are comprised of at least one story frequency model; and at least one story characteristic frequency model combined using terms weights; and wherein an event frequency is determined based on term t and ROI category r max from the formula: $ef_{r_{\max}}(t) = \dfrac{\max}{r \in R}\left(ef(r,t)\right);$

determining at least one adjustment to the inter-story similarity metrics based on at least one story characteristic; and

outputting a new story event indicator if the event associated with the new story is similar to the events associated with the source-identified story corpus based on the inter-story similarity metrics and the adjustments.

2.   (Previously presented) The method of claim 1, wherein the inter-story similarity metric is dynamically adjusted based on at least one of subtraction and division.

3.   (Original) The method of claim 1, wherein the inter-story similarity metric is at

least one of a probability based inter-story similarity metric and a Euclidean based inter-story similarity metric.

4.   (Original) The method of claim 3, wherein the probability based inter-story similarity metric is at least one of a Hellinger, a Tanimoto, a KL divergence and a clarity distance based metric.

5.   (Original) The method of claim 3, wherein the Euclidean based similarity metric is a cosine-distance based metric.

6.   (Original) The method of claim 1, wherein the inter-story similarity metrics are determined based on a term frequency-inverse story frequency model.

7.   (Original) The method of claim 1, wherein the inter-story similarity metrics are comprised of: at least one story frequency model; and at least one event frequency model combined using terms weights.

8.   (Canceled)

9.   (Currently amended) The method of claim 8 1, where the adjustments based on the story characteristics are applied to the term weights.

10.   (Currently amended) The method of claim 8 1, where the adjustments based on the story characteristics are applied to the inter-story similarity metrics.

11.   (Original) The method of claim 1, wherein the inter-story similarity metrics are comprised of at least one term frequency-inverse event frequency model and where the events are classified based on at least one of: story labels and a predictive model.

12.   (Canceled)

13.   (Currently amended) ~~The method of claim 8,~~ A computer-implemented method of detecting new events comprising the steps of:

    determining at least one story characteristic based on an average story similarity story characteristic and a same event-same source story characteristic;

    determining a source-identified story corpus, each story associated with at least one event;

    determining a source-identified new story associated with at least one event;

    determining story-pairs based on the source-identified new-story and each story in the source-identified story corpus;

    determining at least one inter-story similarity metric for the story-pairs; wherein the inter-story similarity metrics are comprised of at least one story frequency model; and at least one story characteristic frequency model combined using terms weights; and wherein an inverse event frequency is determined based on term t, and events e and $r$max in the set of ROI categories from the formula: $IEF(t) = \log\left[\dfrac{N_{e, r\max}}{ef_{r\max}(t)}\right]$;

    determining at least one adjustment to the inter-story similarity metrics based on at least one story characteristic; and

    outputting a new story event indicator if the event associated with the new story is similar to the events associated with the source-identified story corpus based on the inter-story similarity metrics and the adjustments.

14.   (Currently amended) ~~The method of claim 8,~~ A computer-implemented method of detecting new events comprising the steps of:

    determining at least one story characteristic based on an average story similarity story characteristic and a same event-same source story characteristic;

    determining a source-identified story corpus, each story associated with at least one event;

    determining a source-identified new story associated with at least one event;

    determining story-pairs based on the source-identified new-story and each story in the source-identified story corpus;

    determining at least one inter-story similarity metric for the story-pairs; wherein

the inter-story similarity metrics are comprised of at least one story frequency model;
and at least one story characteristic frequency model combined using terms weights;
and wherein an inverse event frequency is determined based on term *t*, categories *e*, *r*
and *rmax* in the set of *ROI* categories and *P(r)*, the probability of *ROI r* from the formula:

$$IEF'(t) = \sum_{r \in R} P(r) \log\left[\frac{N_{e,r}}{ef(r,t)}\right];$$

determining at least one adjustment to the inter-story similarity metrics based on
at least one story characteristic; and

outputting a new story event indicator if the event associated with the new story
is similar to the events associated with the source-identified story corpus based on the
inter-story similarity metrics and the adjustments.

15.   (Original) The method of claim 1 further comprising the step of determining a
subset of stories from the source-identified story corpus and the source-identified new
story based on at least one story characteristic.

16-36. (Canceled)

37.   (Previously presented) The computer-implemented method of claim 1, in which
the new event indicator is displayed on at least one of a visual, audio or tactile output
device.

38-39. (Canceled)